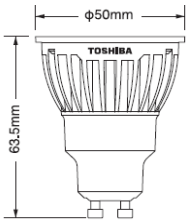
Specification sheet

TOSHIBA
Leading Innovation



Product description	Toshiba LED LAMP E-CORE ™
Model name	LDRC0627WU1EUD
Product Code	218-50369
EAN code	4974550426404
ITF code	24974550426408

■The strong point of TOSHIBA E-CORE LED Lamp

・Low energy and high efficacy.
・Mercury Free
・Instant full light
・Low Heat Radiation
・Low UV radiation

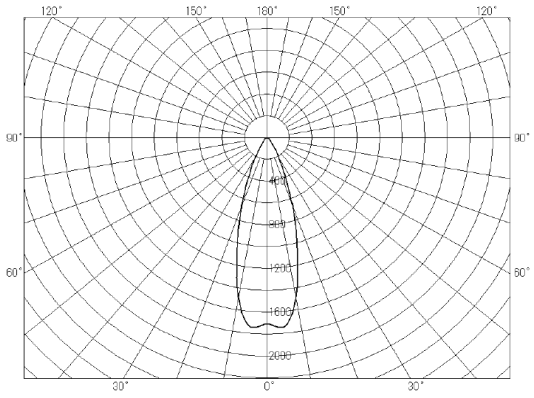
■Technical DATA

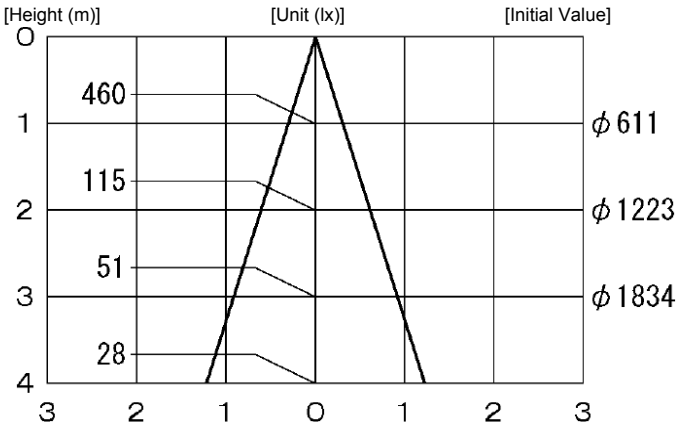
Rated Voltage (V)	220-240
Rated Wattage (W)	6.5
Frequency (Hz)	50 / 60
Rated Input Current (mA)	35
Power Factor	0.81
Luminous Flux(lm)	(270)
Colour Description	Warm White
Colour Temperature (K)	2700
Colour Rendering Index (Ra)	80
Beam Angle (°)	35
CBCP (cd)	460
Lamp Efficacy (lm / W)	(41.5)
Rated Lamp Lifetime (h)	25,000
Dimming	Dimmable*
Overall Length (mm)	63.5
Diameter (mm)	50
Net Weight (g)	90
Cap	GU10
LED Min Lumens to claim wattage equivalence (W)	-

■Packaging Details

Packaging Type(Std.Pkg.Q'ty)	**Dimensions (L×W×H)**	**Gross Weight (g)**	**EAN / ITF CODE**
Gift Box (1pce)	**63mm×55mm×103mm**	**130g**	4974550426404
Outer carton (10pcs)	**282mm×132mm×113mm**	**1450g**	24974550426408

LUMINOUS INTENSITY DISTRIBUTION CURVE (cd / 1000lm)

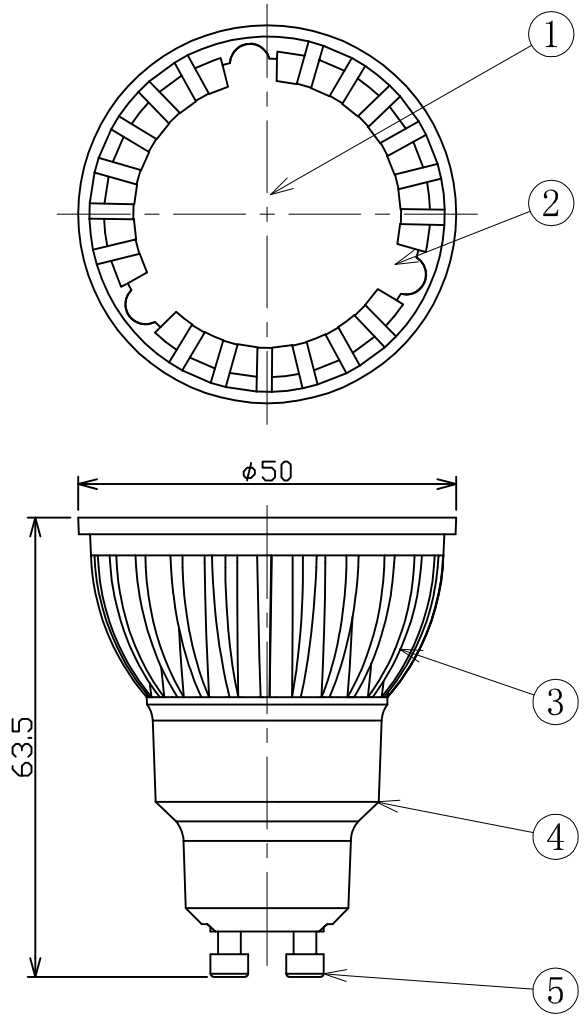




* ・Some dimmers may cause flickering and no dimming at lower control level.
・When the dimmer is connected to numerous lamp, it may not be possible to dim the light to the lowest possible level.
・When dimming numerous lamps, respective colour or the timing of light out may differ.
・When turning on the light from 100% dimming, it may not turn on.

Ver. 1.00

(2011.03.) 2011.05.



	General Characteristics	
1	Rated Voltage (V)	220–240
2	Rated Wattage (W)	6.5
3	Frequency (Hz)	50 / 60
4	Rated Input Current (mA)	35
5	Power Factor	0.81
6	Luminous Flux (lm)	(270)
7	Colour Description	Warm White
8	Colour Temperature (K)	2700
9	Colour Rendering Index (Ra)	80
10	Beam Angle (°)	35
11	CBCP (cd)	460
12	Lamp Efficacy (lm/W)	(41.5)
13	Rated Lamp Lifetime(h)	25,000
14	Lumen Maintenance	70% at the rated lamp lifetime
15	Number of Switching Cycle	over 20,000 times
16	Dimming	Dimmable
17	Overall Length (mm)	63.5
18	Diameter (mm)	50
19	Net Weight (g)	90
20	Cap	GU10
21	Starting time (s)	<0.5
22	LED Min Lumen to claim wattage equivalence (W)	–

No.	Part	Material
①	Lens	PC
②	Cover Plate	PC
③	Body	ADC12
④	Capper	PBT
⑤	Base (pin)	Brassr

Safety Information

⚠ WARNING

- Do not cover this product with paper or cloth, or put it close to anything easy to burn, otherwise, fire may occur.
- Some dimmers may cause flickering and no dimming at lower control level.
- When the dimmer is connected to numerous lamp, it may not be possible to dim the light to the lowest possible level.
- When dimming numerous lamps, respective colour or the timing of light out may differ.
- When turning on the light from 100% dimming, it may not turn on.
- When the voltage at the power supply is distorted, flickering may occur.
- When the AC voltage fluctuates at power supply, it may result in no dimming at lower control level or no light.
- Turn off the power before attaching a lamp to a lighting device, before detaching a lamp from a lighting device, or before cleaning a lighting device, otherwise, you may have an electric shock.

⚠ CAUTION

- Do not use this product in a way of being exposed to rain or raindrops, nor at a high level of humidity, otherwise, it may be damaged.
- Do not drop a lamp, nor have it hit some object, nor put a heavy load on it, nor apply any excessive pressure.
- Do not touch a lamp with your hand or skin when it is on or soon after it is turned off because it is hot, otherwise, you may have a burn.
- Attach this product to a socket firmly, otherwise, it may drop off, or may overheat or emit smoke because of bad contact.
- Use this product in the range of 5℃-40℃ (41°F-104°F).
- If a lamp does not normally light, e.g., if it flashes sporadically, turn off the power and replace the lamp.
- Do not look at LED device directly.
- Do not spray a pesticide over this lamp.

MODEL NO.

LDRC0627WU1EUD

DESCRIPTION

TOSHIBA LED LAMP
E-CORE™

APPROVED BY	CHARGED BY
M. Kamata	T. Tanaka

~~3rd ANGLE~~	SCALE: —	UNIT: mm

DRAWING NO.

BA2011-00055-02

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TOSHIBA TOSHIBA LIGHTING & TECHNOLOGY CORPORATION

TOSHIBA LIGHTING EQUIPMENT ENGINEERING DATA SHEET

NAME	LED Lamp E-CORE™
MODEL NO.	LDRC0627WU1EUD

LAMP	
TYPE	LED
LUMEN OUTPUT	270 lm

BEAM ANGLE
35°

WATTAGE	
6.5	W

COVER	
OPTION NO.	
OPTION SPEC	

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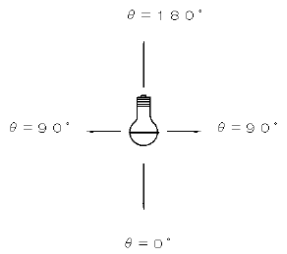


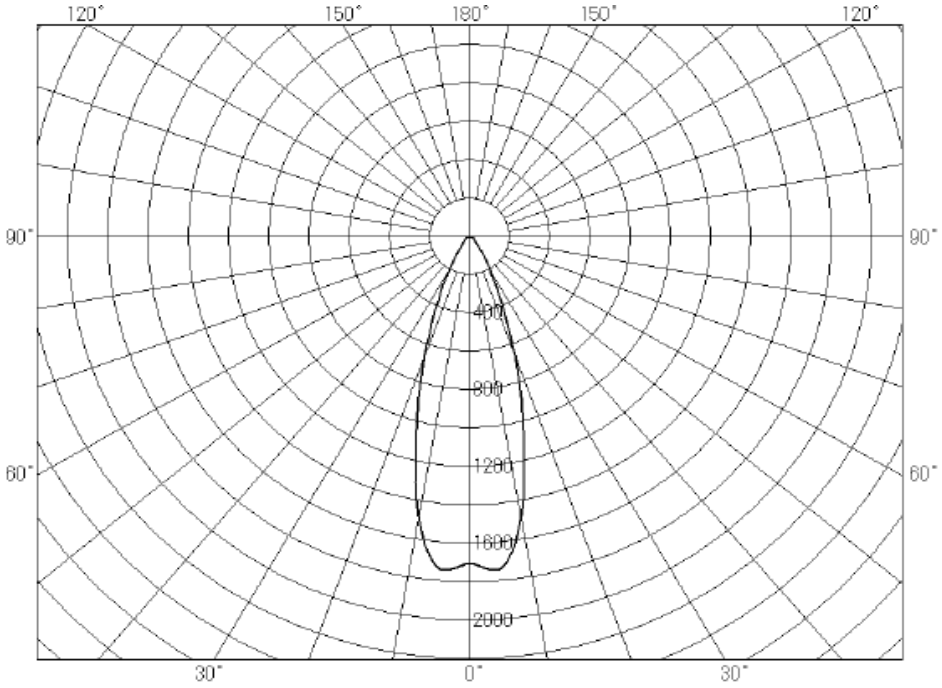
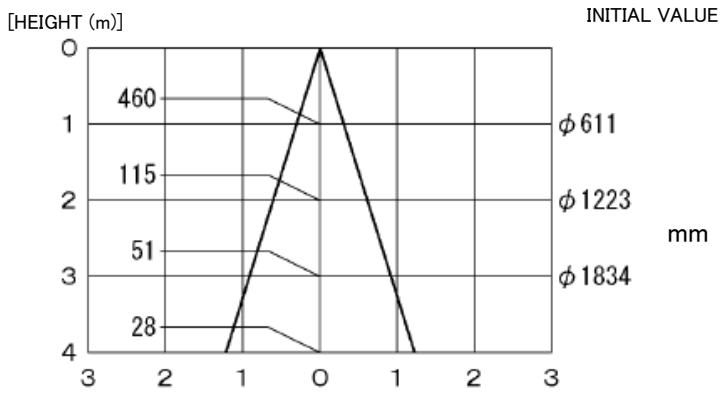
REMARKS

THE DATA IS EARLY TYPICAL VALUE.

LUMINOUS INTENSITY (cd/1000lm)

0°	1704	25°	370
1°	1707	30°	200
2°	1722	35°	115
3°	1737	40°	70
4°	1744	45°	48
5°	1741	50°	33
6°	1715	55°	26
7°	1674	60°	19
8°	1619	65°	15
9°	1552	70°	7
10°	1478	75°	4
11°	1396	80°	4
12°	1311	85°	0
13°	1219	90°	0
14°	1130		
15°	1041		
16°	956		
17°	874		
18°	800		
19°	726		
20°	659		

LUMINOUS INTENSITY DISTRIBUTION CURVE (cd/1000lm)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